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中国齿卷蛾属的研究（鳞翅目：卷蛾科）

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齿卷蛾属*Ulodemis* 系 Meyrick (1907) 根据模式种 *trigrapha* 所建立。到目前为止、世界上总共记载有五个种，都分布在亚洲南部的印度、斯里兰卡和印度尼西亚境内的山地，而我国过去尚无分布记录。

近年来，作者从收集到我国福建、广东、四川、广西、云南等省小蛾类标本中发现这属一老种和一新种。

1. 多齿卷蛾 *Ulodemis trigrapha* Meyrick（新纪录）（图1、3、5）

分布　云南（景东、勐仑、勐海、勐啊、大勐龙），四川（渡口），广西（龙胜、龙州、凭祥），广东（广州、海南岛）。

2. 三齿卷蛾 *Ulodemis tridentata* 新种（图2、4、6）

翅展19—23毫米。体、翅棕褐色。雄蛾颜面鳞片灰褐色，触角第二节有凹陷。下唇须长，向前伸，第二节特别长而膨大。前翅近长方形；雄蛾外缘直；雌蛾在顶角两侧有凹陷；臀角圆；基斑和中带明显，外围有淡黄色夹边；基斑起于前缘基部的1/4，止于后缘基部的1/3；中带起于前缘1/2，止于后缘2/3；端纹不明显；中带至外缘间有许多分散灰褐色斑点。后翅灰褐色，雄蛾基部有一束长毛。前翅 R_4 和 R_5 脉共柄，R_5 脉止于外缘。后翅 m_3 和 Cu_1 脉同出于一点或有短共柄，m_2 脉基部和它们十分靠近；m_1 脉和Rs脉同出于一点或十分靠近。雄性外生殖器的爪形突细长，端部膨大呈椭圆匙形；颚形突宽大，末端分三齿，中间齿短，两侧齿长而相等；抱器腹呈条状，有弯曲；阳茎圆柱状，有90度弯曲。雌性外生殖器产卵瓣宽大，呈长椭圆形；交配孔两侧前、后阴片下垂呈兜状；导管端片几丁质化；囊突一枚，呈镰刀状。

正模♂，四川峨眉山万年寺；1041米；1979. VI. 14；刘友樵。配模♀，四川峨眉山清音阁；900米；1957. IV. 30；朱复兴。副模7♂♂、4♀♀，福建武夷山；750米；1979. VI. 31. 宋士美；四川青城山；1000米；1979. VI；峨眉山；900米；1980. VI—VIII；刘友樵，白九维。

本种与多齿卷蛾 *U. trigrapha* 在外形和斑纹上难以识别。但多齿卷蛾体、翅呈黄褐色；雄性外生殖器爪形突端部膨大部分小，呈圆匙形；颚形突末端有齿状突10枚左右，是两种的主要区别。

模式标本保存在中国科学院动物研究所。

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NOTES ON CHINESE *ULODEMIS* MEYRICK (LEPIDOPTERA: TORTRICIDAE) WITH DESCRIPTION OF A NEW SPECIES

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The genus *Ulodemis* of the subfamily Tortricinae, tribe Archipini, established by Meyrick, 1907, is a small group with limited distribution in the South of Asia.

This paper records 2 species of Chinese *Ulodemis* Myr. collected by the authors in 1978—1980. Among them, one species is described as new and one species is recorded for the first time.

1. *Ulodemis trigrapha* Meyrick

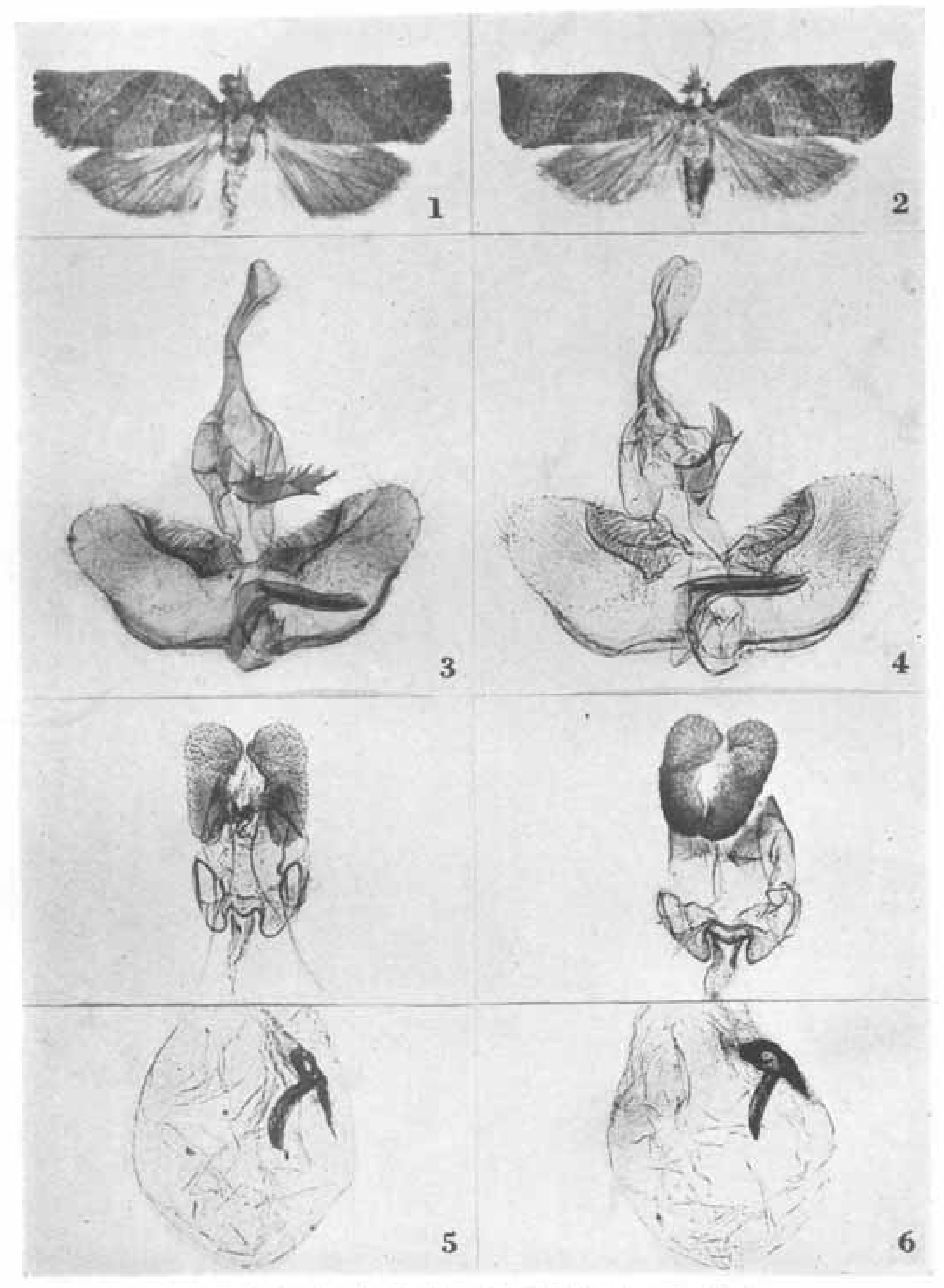
Distribution: Yunnan, Guangdong, Fujian Provinces and Guangxi Zhuang Autonomous Region.

2. *Ulodemis tridentata* sp. nov.

Wing expanse 19—23 mm. Body and wings dark brown in color. Forehead in male covers with greyish-brown scales, antennae notched. Palpi long, porrect, 2-segment long and expanded. Forewings elongate-oblong; in male slightly narrowed anteriorly, without fold, apex obtuse, termen nearly straight, little oblique; in female sinuate nearly vertical; strewn with brownish-grey dots. Hindwings brownish-grey, in male with a dorsal pencil of long dark grey hairs. Male genitalia with a long uncus, terminal expanded like a spoon; gnathos large, ending with 3 strong tooth; aedeagus conical, curved. Female genitalia with large oblong ovipositors; lamella vaginalis funnel-shaped on both sides of the antrum; signum a large thorn, with a sidewards turned capitulum.

The general appearance of *tridentata* is close to *trigrapha*, but differentiated chiefly by the dark brown color of the body and wings, the much more expanded tip of the uncus and the three teeth of the gnathos.

Holotype (♂): Sichuan, Emei Shan, 1041 M., 14. VI 1979, Liu Youqiao. Allotype (♀): Sichuan, Emei Shan, 900 M., 30. IV. 1957, Zhu Fuxing. Paratype (7 ♂♂, 4 ♀♀): Fujian, Wuyi Shan, 750 M., 31. VI. 1979, Song Shimei; Sichuan, Emei Shan (900 M., VI. 1979.) and Qingcheng Shan (1000 M., VI-VIII. 1980.), Liu Youqiao and Bai Jiuwei. All specimens, including the types of new species, are now kept in the Institute of Zoology, Academia Sinica.



1. 多齿卷蛾 *Ulodemis trigrapha* Meyrick　　2. 三齿卷蛾 *Ulodemis tridentata*, sp. nov.
3. 雄性外生殖器　　4. 雄性外生殖器
5. 雌性外生殖器　　6. 雌性外生殖器